

# Duy (Edward) Pham



phamanhduy.sg@gmail.com



0963769049



[linkedin.com/in/phamanhduy](https://www.linkedin.com/in/phamanhduy)



<https://www.edwardpham.me>

## Summary

Becoming an expert software engineer would allow me to apply my technological knowledge to real-world issues. In the next five years, my target is to be a Senior Software Engineer with JavaScript as my primary programming language. And I would like to have an opportunity to join an international environment to improve my English skills.

## Experience



### Software Engineer

Bizzi Vietnam

Oct 2020 - Aug 2022 (1 year 11 months)

Integration Services (8 months)

- Integrate features between 2 systems via APIs.

Responsibilities

- Involve taking customer requirements and understanding their problems, offering the most optimal solution based on the available features of the product (or having to update more).
- Maintain and update features with the solution agreed to APIs to integrate with customer systems.

Achievements

- Successfully integrated Oracle and SAP of customers such as Mega Market, Circle K, Ân Nam, and The Coffee House.

Purchase Order Processing Service (8 months)

- Construct a service that receives P.O. (purchase order) emails, reads, and extracts P.O. (purchase order) information from PDF files to create S.O. (sales order) on the clients' system.

Responsibilities

- In charge of building the service from scratch: design database, APIs for integrating client's system, source code organization, Serverless configuration, code optimization, deployment, and testing.
- Writing unit test coverage is around 75%.
- Cover the entire P.O. template of the client's partner (around 30 samples).

Achievements

- Service is still maintained and active up to the present time.
- The system can handle Purchase Orders files with up to 1000 pages.

Invoice Information Extraction using Deep Learning (6 months)

- Build A.I. models to extract the data required from VAT invoices.

Responsibilities

- Collect, filter, and process data to ensure that models are as accurate as possible.
- Investigate deep-learning methods for locating and extracting data from invoices such as YOLO and Faster RCNN for text localization tasks. CRNN, VietOCR for a text recognition task.
- To achieve the project's deadline and ensure that each invoice template is accurate.

Achievements

- Allowed to participate directly in the deployment of models to the production environment.
- Optimize the predicting time of A.I. models.

## Education



### **Ton Duc Thang University**

Bachelor's degree, Computer Software Engineering

2017 - 2021

## Licenses & Certifications



### **TOEIC - IIG Vietnam**

Issued Dec 2018 - Expires Dec 2020



### **MERN Stack Front To Back: Full Stack React, Redux & Node.js - Udemy**

UC-RTKO9T4N



### **Neural Networks and Deep Learning - Coursera**

CJUWD9PNBQ65



### **React - The Complete Guide (incl Hooks, React Router, Redux) - Udemy**

UC-4e7ddc8d-97e9-48d7-aaf8-d7d7bb598bc8



### **Go: The Complete Developer's Guide (Golang) - Udemy**

UC-e42bf207-582f-468e-a55a-508f47ab5436

## Skills

JavaScript • TypeScript • Node.js • NestJS • GraphQL • PostgreSQL • Jest • Hasura •  
Serverless Framework • Amazon Web Services (AWS)